



SERIES N500N - N500S

NYLON 11 COATED DISC CF8M SS DISC

Manually operated Wafer butterfly valves.

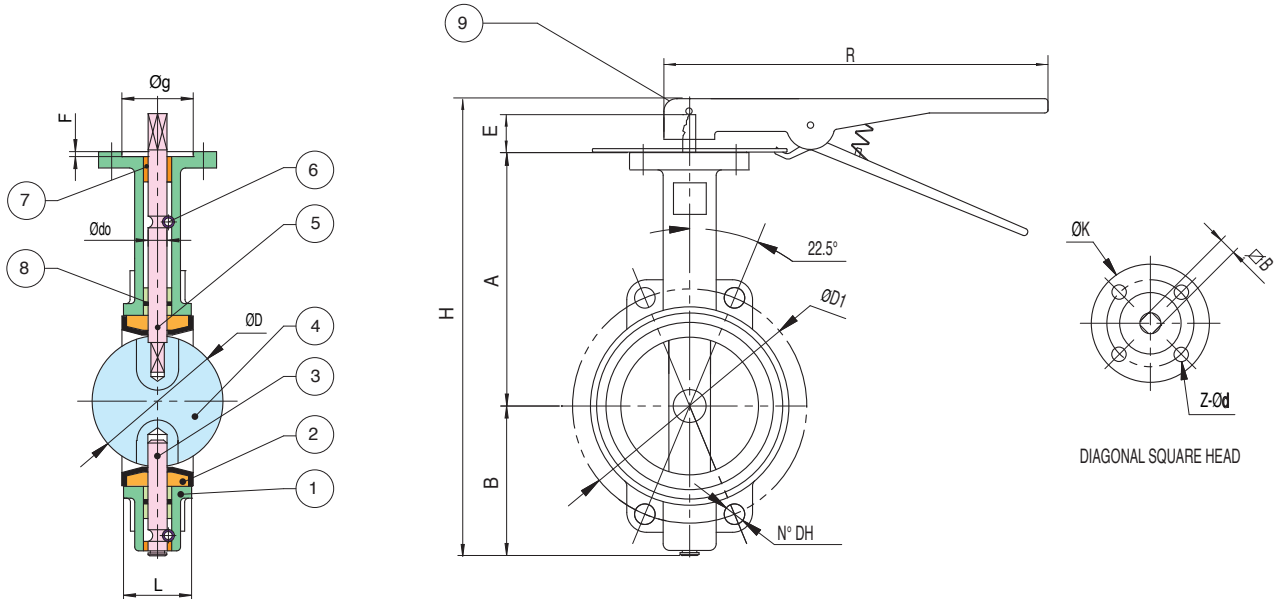
- Pressure rating: 250 psi water (40°F to 80°F).
- Epoxy coated cast iron wafer body.
- ISO 5211 direct mounting pad/square stem.
- Food grade EPDM resilient seat -30°F to 250°F.
- API609 face to face flange.
- Floating dual shaft disc design.
- MSS SP 67 compliant.
- No pins in disc prevent potential leak points.
- NSF certified for drinking water service (EPDM seats only).

N500N: size 2" to 12".

N500S: size 1 1/2" to 12".

530S: VITON SEATS - size 2" to 12".

540S: BUNA-N SEATS - size 2" to 12".



N POS	PART NAME	MATERIAL	N PCS	SIZE	ISO 5211	B	A	B	L	ØD	E	H	R	Ødo	UPPER FLANGE				DISC	WAFER	Weight Lbs	SEAT TORQUE				Cv (GPM@ 1psi)
															ØK	Z-d	Øg	F				100 psi	200 psi	50% OP	100% OP	
1	BODY	CAST IRON	1	1 1/2"	F05	9 mm	5.71	2.97	1.61	1.67	0.47	9.40	10.63	0.50	3.03	4-0.28	1.38	0.12	4.74	4-0.75	5.0	111	133	35	108	
2	SEAT	EPDM (30F to 250F)	1	2"	F05	9 mm	6.34	3.15	1.65	2.07	0.47	10.21	10.63	0.50	3.03	4-0.28	1.38	0.12	4.74	4-0.75	5.5	126	146	49	146	
3	LOWER SHAFT	AISI 416	1	2 1/2"	F05	9 mm	6.89	3.50	1.76	2.54	0.47	11.11	10.63	0.50	3.03	4-0.28	1.38	0.12	5.49	4-0.75	7.1	134	167	84	284	
4	DISC 500N	IRON NYLON 11	1	3"	F05	9 mm	7.13	3.74	1.78	3.10	0.47	11.59	10.63	0.50	3.03	4-0.28	1.38	0.12	6.00	4-0.75	8.4	205	223	128	547	
	DISC 500S	STAINLESS STEEL		4"	F07	11 mm	7.87	4.49	2.05	4.09	0.63	13.24	10.63	0.62	3.54	4-0.35	2.17	0.12	7.50	4-0.75	10.8	339	386	195	844	
5	UPPER SHAFT	AISI 416	1	5"	F07	14 mm	8.34	5.00	2.14	4.85	0.75	14.34	10.63	0.75	3.54	4-0.35	2.17	0.12	8.50	4-0.87	15.4	523	602	320	1375	
6	LOCATING PIN	CARBON STEEL	1	6"	F07	14 mm	8.90	5.47	2.20	6.13	0.75	15.37	10.63	0.75	3.54	4-0.35	2.17	0.12	9.50	4-0.87	17.2	677	996	418	1882	
7	BUSHING	PTFE	1	8"	F10	17 mm	10.24	6.89	2.34	7.97	0.75	18.38	14.17	0.87	4.92	4-0.47	2.76	0.14	11.75	4-0.87	29.1	1205	1864	745	3340	
8	O-RING	EPDM	1	10"*	F10	22 mm	11.50	7.99	2.58	9.86	0.94	20.93	19.68	1.12	4.92	4-0.47	2.76	1.40	14.25	4-1.00	42.2	1890	3140	1264	5475	
9	LEVER	EPOXY-COATED CARBON STEEL	1	12"*	F10	22 mm	13.27	9.53	3.03	11.87	0.94	24.24	19.68	1.24	5.51	4-0.47	2.76	1.40	17.00	4-1.00	71.5	2808	4767	1905	8270	

* 10" and 12" available in bare stem version only.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.



BONOMI
NORTH AMERICA

BUTTERFLY VALVE

SERIES N501N - N501S

NYLON 11 COATED DISC CF8M SS DISC

Manually operated Lug butterfly valves.

- Pressure rating: 250 psi water (40°F to 80°F).
- Epoxy coated ductile iron lug body.
- ISO 5211 direct mounting pad/square stem.
- Food grade EPDM resilient seat -30°F to 250°F.
- API609 face to face flange.
- Floating dual shaft disc design.
- MSS SP 67 compliant.
- No pins in disc prevent potential leak points.
- NSF certified for drinking water service (EPDM seats only).
- Dead end service to 100 psi.

N501N: size 2" to 12".

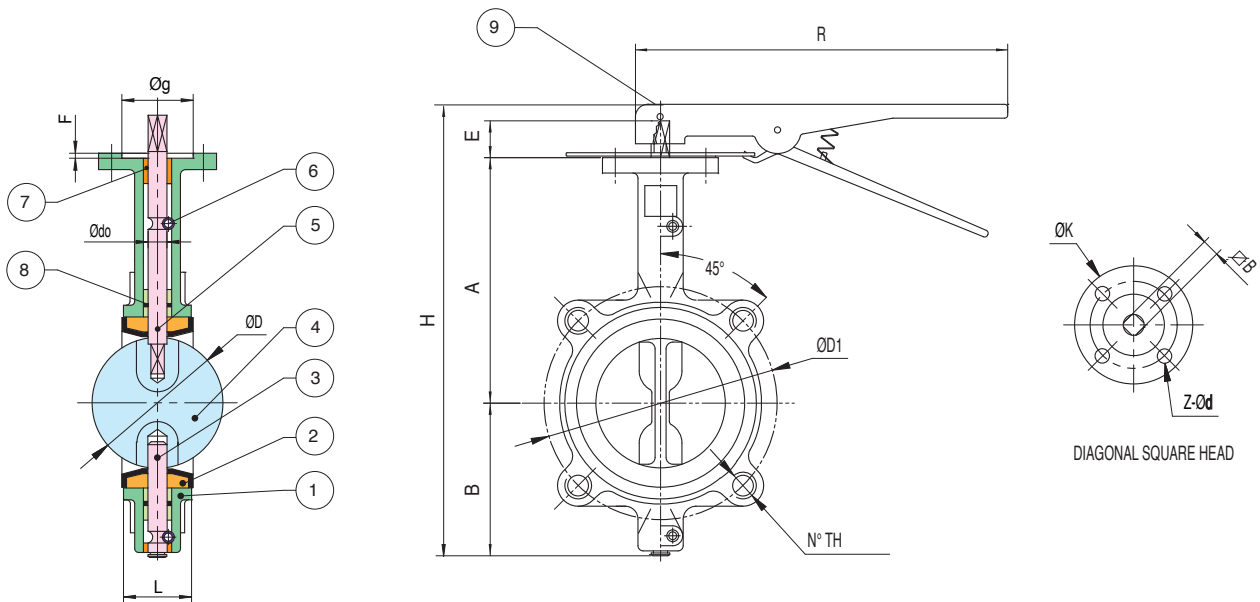
N501S: size 1 1/2" to 12".

531S: VITON SEATS - size 2" to 12".

541S: BUNA-N SEATS - size 2" to 12".



NSF/ANSI
61, 372
EPDM SEATS
ONLY



N POS	PART NAME	MATERIAL	N POS
1	BODY	DUCTILE IRON	1
2	SEAT	EPDM (30F to 250F)	1
3	LOWER SHAFT	AISI 416	1
4	DISC 500N	IRON NYLON 11	1
	DISC 500S	STAINLESS STEEL	
5	UPPER SHAFT	AISI 416	1
6	LOCATING PIN	CARBON STEEL	1
7	BUSHING	PTFE	1
8	O-RING	EPDM	1
9	LEVER	EPOXY-COATED CARBON STEEL	1

SIZE	ISO 5211	B	A	B	L	ØD	E	H	R	Ødo	UPPER FLANGE				DISC ØD1	LUG N° TH	Weight Lbs	SEAT TORQUE				Cv (GPM@ 1psi)	
											ØK	Z-d	Øg	F				100 psi	200 psi	50% OP	100% OP		
1 1/2"	F05	9 mm	5.71	2.97	1.61	1.67	0.47	9.40	10.63	0.50	3.03	4-0.28	1.38	0.12	4.74	4-5/8"-11	7.9	111	133	35	108		
2"	F05	9 mm	6.34	3.15	1.65	2.07	0.47	10.21	10.63	0.50	3.03	4-0.28	1.38	0.12	4.74	4-5/8"-11	8.4	126	146	49	146		
2 1/2"	F05	9 mm	6.89	3.50	1.76	2.54	0.47	11.11	10.63	0.50	3.03	4-0.28	1.38	0.12	5.49	4-5/8"-11	9.3	134	167	84	284		
3"	F05	9 mm	7.13	3.74	1.78	3.10	0.47	11.59	10.63	0.50	3.03	4-0.28	1.38	0.12	6.00	4-5/8"-11	10.4	205	223	128	547		
4"	F07	11 mm	7.87	4.49	2.05	4.09	0.63	13.24	10.63	0.62	3.54	4-0.35	2.17	0.12	7.50	8-5/8"-11	19.8	339	386	195	844		
5"	F07	14 mm	8.34	5.00	2.14	4.85	0.75	14.34	10.63	0.75	3.54	4-0.35	2.17	0.12	8.50	8-3/4"-10	24	523	602	320	1375		
6"	F07	14 mm	8.90	5.47	2.20	6.13	0.75	15.37	10.63	0.75	3.54	4-0.35	2.17	0.12	9.50	8-3/4"-10	31.3	677	996	418	1882		
8"	F10	17 mm	10.24	6.89	2.34	7.97	0.75	18.38	14.17	0.87	4.92	4-0.47	2.76	0.14	11.75	8-3/4"-10	40.1	1205	1864	745	3340		
10"*	F10	22 mm	11.50	7.99	2.58	9.86	0.94	20.93	19.68	1.12	4.92	4-0.47	2.76	1.40	14.25	12-7/8"-9	59.1	1890	3140	1264	5475		
12"*	F10	22 mm	13.27	9.53	3.03	11.87	0.94	24.24	19.68	1.24	5.51	4-0.47	2.76	1.40	17.00	12-7/8"-9	88.2	2808	4767	1905	8270		

* 10" and 12" available in bare stem version only.

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NORTH AMERICA





SERIES GN500N - GN500S

NYLON 11 COATED DISC CF8M SS DISC

Gear operated Wafer butterfly valves full port.

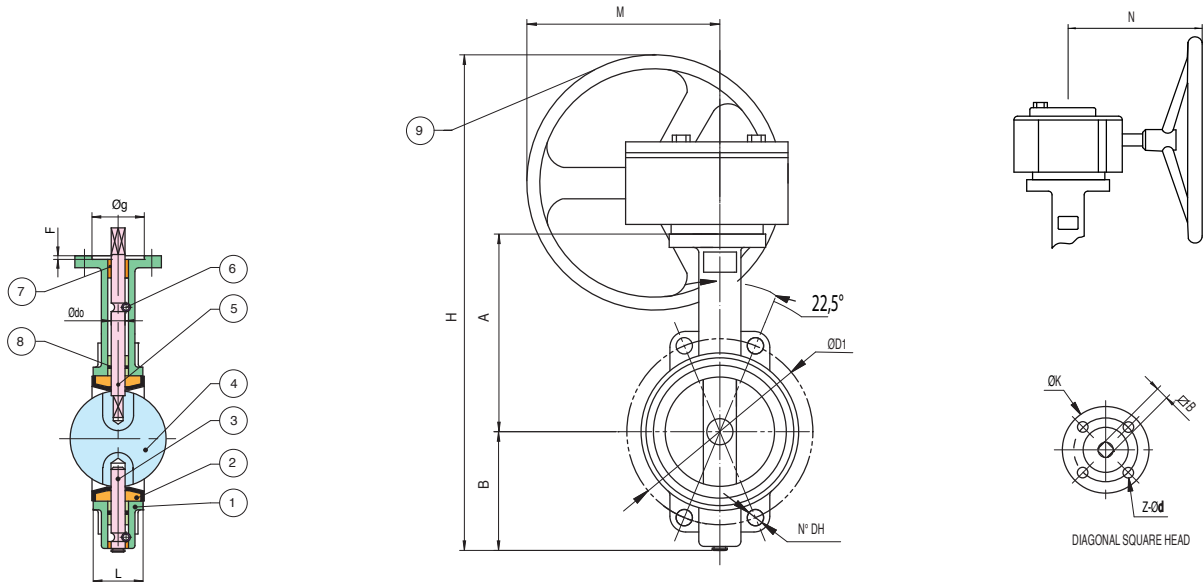
- Epoxy coated cast iron wafer body.
- Pressure rating: 250psi water (40°F to 80°F).
- Food grade EPDM resilient seat -30°F to 250°F.
- Low turn ratio.
- API609 face to face flange.
- Floating dual shaft disc design.
- IP54 enclosure.
- MSS SP 67 compliant.
- No pins in disc prevent potential leak points.
- NSF certified for drinking water service (EPDM seats only).
- Dead end service to 100 psi.

G530S: VITON SEATS - size 2" to 12".

G540S: BUNA-N SEATS - size 2" to 12".



NSF/ANSI
61, 372
EPDM SEATS
ONLY



N POS	PART NAME	MATERIAL	N PCS	SIZE	ISO 5211	B	A	B	L	H	M	N	Ødo	UPPER FLANGE				DISC	WAFER	Weight	SEAT TORQUE		Cv (GPM@ 1psi)	
														ØK	Z-Ød	Øg	F				100 psi	200 psi	50% OP	100% OP
1	BODY	CAST IRON	1	1 1/2"	F05	9 mm	7.24	2.97	1.61	13.12	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	4.74	4-0.75	16.3	111	133	35	108
2	SEAT	EPDM (30F to 250F)	1	2"	F05	9 mm	7.60	3.15	1.65	13.93	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	4.74	4-0.75	17	126	146	49	146
3	LOWER SHAFT	AISI 416	1	2 1/2"	F05	9 mm	8.15	3.50	1.76	14.83	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	5.49	4-0.75	18.6	134	167	84	284
4	DISC G500N	IRON NYLON 11	1	3"	F05	9 mm	8.38	3.74	1.78	15.31	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	6.00	4-0.75	19.9	205	223	128	547
	DISC G500S	STAINLESS STEEL		4"	F07	11 mm	9.13	4.49	2.05	16.8	4.75	6.00	0.62	3.54	4-0.35	2.17	0.12	7.50	4-0.75	22.3	339	386	195	844
5	UPPER SHAFT	AISI 416	1	5"	F07	14 mm	9.60	5.00	2.14	17.78	4.75	6.00	0.75	3.54	4-0.35	2.17	0.12	8.50	4-0.87	26.9	523	602	320	1375
6	LOCATING PIN	CARBON STEEL	1	6"	F07	14 mm	10.16	5.47	2.20	18.81	4.75	6.00	0.75	3.54	4-0.35	2.17	0.12	9.50	4-0.87	28.7	677	996	418	1882
7	BUSHING	PTFE	1	8"	F10	17 mm	12.01	6.89	2.34	24.73	8.35	9.84	0.87	4.92	4-0.47	2.76	0.14	11.75	4-0.87	57.8	1205	1864	745	3340
8	O-RING	EPDM	1	10"	F10	22 mm	13.27	7.99	2.58	27.03	8.35	9.84	1.12	4.92	4-0.47	2.76	1.40	14.25	4-1.00	70.9	1890	3140	1264	5475
9	GEAR	CAST IRON	1	12"	F10	22 mm	15.04	9.53	3.03	30.34	9.06	8.94	1.24	5.51	4-0.47	2.76	1.40	17.00	4-1.00	104.6	2808	4767	1905	8270

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NORTH AMERICA

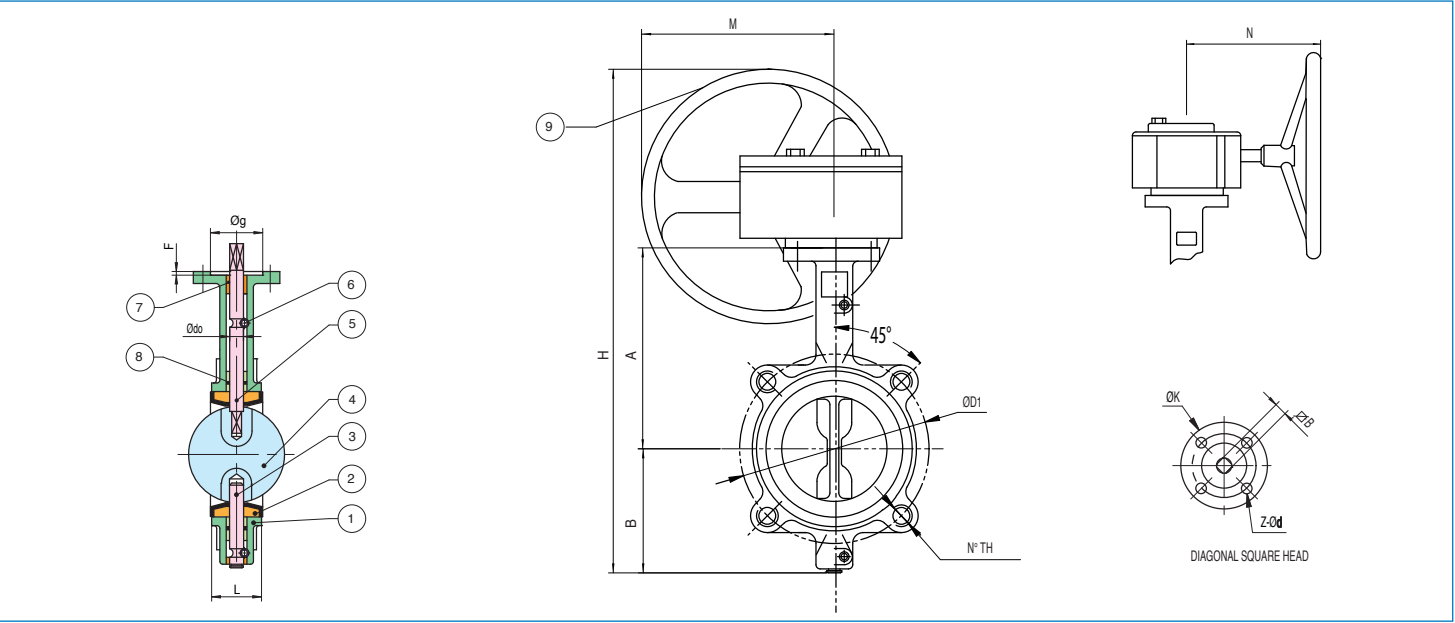
BUTTERFLY VALVE



SERIES GN501N - GN501S

NYLON 11 COATED DISC CF8M SS DISC

- Gear operated Lug butterfly valves full port.
- Epoxy coated ductile iron lug body.
 - Pressure rating: 250 psi water (40°F to 80°F).
 - Food grade EPDM resilient seat -30°F to 250°F.
 - Low turn ratio.
 - API609 face to face flange.
 - Floating dual shaft disc design.
 - IP54 enclosure.
 - MSS SP 67 compliant.
 - No pins in disc prevent potential leak points.
 - NSF certified for drinking water service (EPDM seats only).
 - Dead end service to 100 psi.
- G531S: VITON SEATS - size 2" to 12".
G541S: BUNA-N SEATS - size 2" to 12".



N POS	PART NAME	MATERIAL	N PCS
1	BODY	DUCTILE IRON	1
2	SEAT	EPDM (30F to 250F)	1
3	LOWER SHAFT	AISI 416	1
4	DISC G501N	IRON NYLON 11	1
	DISC G501S	STAINLESS STEEL	
5	UPPER SHAFT	AISI 416	1
6	LOCATING PIN	CARBON STEEL	1
7	BUSHING	PTFE	1
8	O-RING	EPDM	1
9	GEAR	CAST IRON	1

SIZE	ISO 5211	B	A	B	L	H	M	N	Ødo	UPPER FLANGE				DISC ØD1	LUG N° TH	Weight Lbs	SEAT TORQUE		Cv (GPM@ 1psi)	
										ØK	Z-Ød	Øg	F				100 psi	200 psi	50% OP	100% OP
1 1/2"	F05	9 mm	7.24	2.97	1.61	13.12	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	4.74	4-5/8"-11	19.1	111	133	35	108
2"	F05	9 mm	7.60	3.15	1.65	13.93	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	4.74	4-5/8"-11	19.9	126	146	49	146
2 1/2"	F05	9 mm	8.15	3.50	1.76	14.83	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	5.49	4-5/8"-11	20.8	134	167	84	284
3"	F05	9 mm	8.38	3.74	1.78	15.31	4.75	6.00	0.50	3.03	4-0.28	1.38	0.12	6.00	4-5/8"-11	21.9	205	223	128	547
4"	F07	11 mm	9.13	4.49	2.05	16.8	4.75	6.00	0.62	3.54	4-0.35	2.17	0.12	7.50	8-5/8"-11	31.3	339	386	195	844
5"	F07	14 mm	9.60	5.00	2.14	17.78	4.75	6.00	0.75	3.54	4-0.35	2.17	0.12	8.50	8-3/4"-10	35.5	523	602	320	1375
6"	F07	14 mm	10.16	5.47	2.20	18.81	4.75	6.00	0.75	3.54	4-0.35	2.17	0.12	9.50	8-3/4"-10	42.8	677	996	418	1882
8"	F10	17 mm	12.01	6.89	2.34	24.73	8.35	9.84	0.87	4.92	4-0.47	2.76	0.14	11.75	8-3/4"-10	68.6	1205	1864	745	3340
10"	F10	22 mm	13.27	7.99	2.58	27.03	8.35	9.84	1.12	4.92	4-0.47	2.76	1.40	14.25	12-7/8"-9	87.3	1890	3140	1264	5475
12"	F10	22 mm	15.04	9.53	3.03	30.34	9.06	8.94	1.24	5.51	4-0.47	2.76	1.40	17.00	12-7/8"-9	121.3	2808	4767	1905	8270

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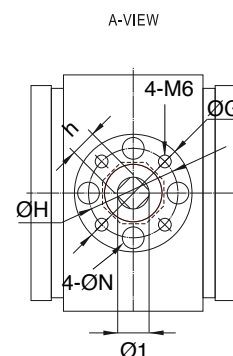
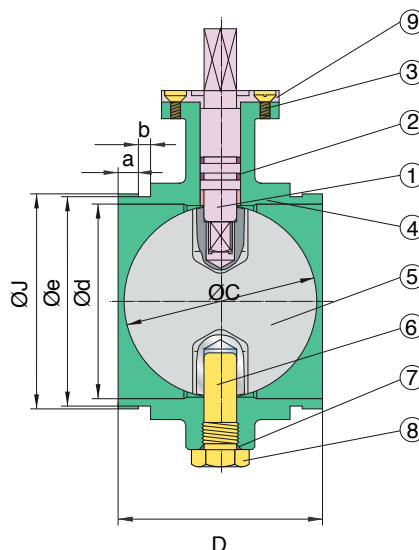
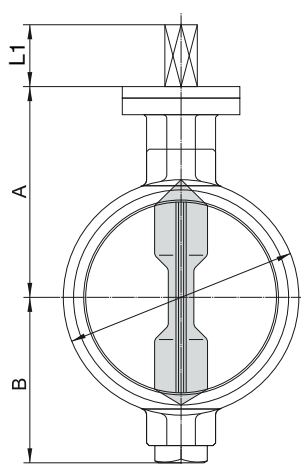
SERIES L700

GROOVED END

Direct mount grooved end butterfly valve.

- Temperature range -30°F to 250°F.
- Working pressure 300 psi.
- EPDM coated disc.
- Face to face MSS-SP-67.
- Ends meet ANSI AWWA C606.
- Epoxy coated ductile iron body.
- ISO 5211 direct mounting pad/square stem.
- May contain silicon.

L700: size 2" to 12".



N POS	PART NAME	MATERIAL	N PCS	Size	A	B	ØC	D	ØJ ANSI	ØG	ØH	ØN	L1	a	b	e	d	ØK	h	Ø1	ISO 5211	Cv	Break Torque	Weight Lbs
1	UPPER SHAFT	ASTM A276 SS410	1	2"	3.94	2.76	2.64	3.24	2.37	3.54	2.76	0.35	1.26	0.63	0.31	2.25	1.91	2.76	9	0.48	F07	135	124	3.9
2	STOP COVER	STEEL	1	2 1/2"	4.17	2.95	3.15	3.81	2.87	3.54	2.76	0.35	1.26	0.63	0.31	2.72	2.40	3.27	9	0.48	F07	220	204	4.8
3	BOLTS	STEEL	4	3"	4.43	3.23	3.82	3.81	3.50	3.54	2.76	0.35	1.26	0.63	0.31	3.34	2.95	3.94	9	0.48	F07	302	425	5.9
4	BODY	A536 65-45-12	1	4"	5.31	3.94	4.84	4.57	4.50	3.54	2.76	0.35	1.26	0.63	0.38	4.33	3.82	4.96	11	0.56	F07	600	496	9.9
5	DISC	EPDM	1	5"	5.85	4.69	5.94	5.81	5.56	3.54	2.76	0.35	1.26	0.63	0.38	5.39	4.92	6.06	14	0.72	F07	1022	775	16.7
6	LOWER SHAFT	ASTM A276 SS410	1	6"	6.93	5.12	7.09	5.81	6.63	3.54	2.76	0.35	1.26	0.63	0.38	6.46	5.87	7.20	14	0.72	F07	1579	1213	21.1
7	SCREW END	CARBON STEEL	1	8"	8.03	6.38	9.09	5.25	8.63	4.92	4.02	0.47	1.61	0.75	0.44	8.44	7.83	9.21	17	0.87	F10	3136	2434	32.4
8	O-RING	NBR	1	10"	8.98	7.87	11.18	6.25	10.75	4.92	4.02	0.47	1.61	0.75	0.50	10.56	9.84	11.30	22	1.12	F10	5340	4205	54.4
9	BOLTS	CARBON STEEL	4	12"	10.48	8.82	13.19	6.44	12.75	4.92	4.02	0.47	1.61	0.75	0.50	12.53	11.81	13.31	22	1.12	F10	8250	5532	76.0

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HIGH PERFORMANCE BUTTERFLY VALVE



SERIES 8100 - 9100

CARBON STEEL STAINLESS STEEL

Manually operated ANSI 150 class, high performance Wafer style butterfly valves.

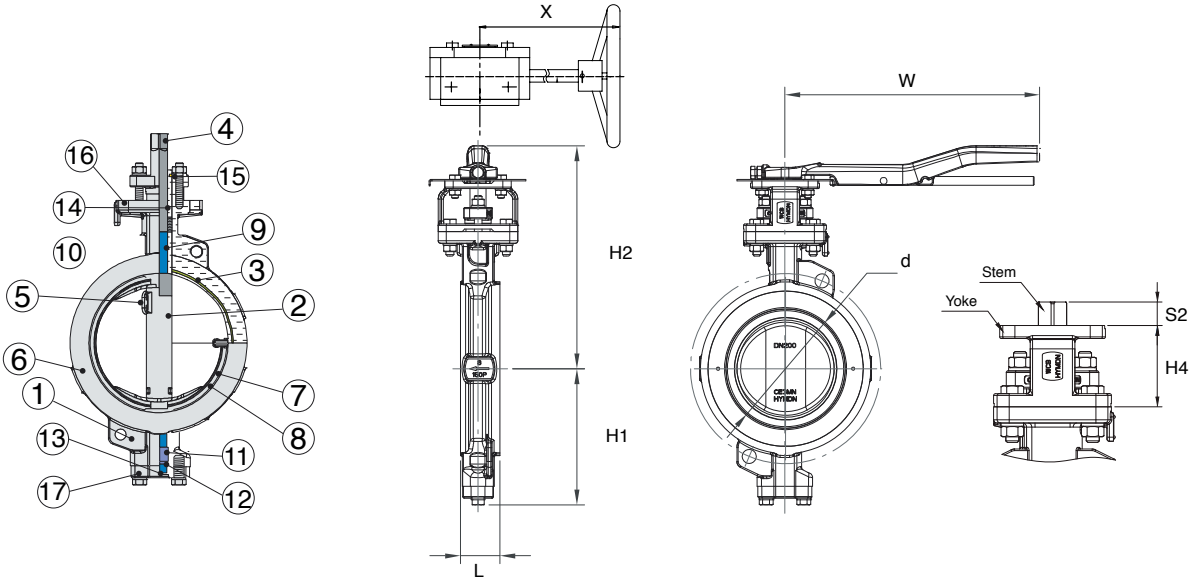
- Temperature range -20°F to 446°F, 150 WSP.
- ISO 5211 direct mounting pad/square stem.
- Compact design, easy access to packing.
- Replaceable seat design.
- Multiple V-ring stem packing.
- RPTFE seats, metal seats upon request.
- 14" to 24" sizes available upon request.
- NACE MR0175.
- FC170-2 compliant.
- CRNs available upon request.
- 10 position locking handle.
- Soft seat leakage protection - Class VI.
- Metal seat leakage protection - Class V.

8100-9100: size 2" to 12".

8120-9120: METAL SEATED VERSION - size 2" to 12".

8140-9140: API 607 FIRE SAFE VERSION - size 2" to 12".

G8100-G9100: GEAR OPERATED VERSION - size 2" to 12".



N POS	PART NAME	MATERIAL		N POS
1	BODY	A216 Gr. WCB	A351 Gr. CF8M	1
2	DISC	A351 Gr. CF8M		1
3	SEAT	8100 - 9100	Carbon-filled PTFE	1
		8120 - 9120	Inconel 718	
		8140 - 9140	Fire safe seat	
4	STEM	A182 Gr. F316		1
5	TAPER PIN	A182 Gr. F316L		2
6	RETAINER RING	A351 Gr. CF8M		1
7	SPRING	A182 Gr. F316		1
8	LOCK PIN	PTFE		1
9	STEM BUSH	PTFE + SS316L	A182 Gr. F316	2
10	GLAND PACKING	Carbon-filled RTFE		1
11	THRUST RING	A351 Gr. CF8M		1
12	THRUST PLATE	PTFE + SS316L		1
13	GASKET	PTFE		1
14	GLAND BUSH	A351 Gr. CF8M		1
15	ANTI-BLOWOUT PIN	A182 Gr. F316		1
16	GLAND FLANGE	A351 Gr. CF8		1
17	BOTTOM COVER	A351 Gr. CF8M		1

Size	L	D	D1	d	H1	H2	W	X	H4	S2	Stem	Yoke ISO	Cv	Break Torque	Weight Lbs
2"	1.77	3.74	5.91	1.81	4.65	9.21	8.66	6.06	2.76	0.63	14	F07	70	133	11.0
2 1/2"	1.89	4.41	7.09	2.40	4.96	9.53	8.66	6.06	2.76	0.63	14	F07	150	150	13.0
3"	1.89	4.96	7.48	2.99	5.28	10.24	8.66	6.06	2.76	0.63	14	F07	227	177	15.0
4"	2.13	6.10	9.06	3.78	5.67	10.63	8.66	6.06	2.76	0.63	14	F07	473	283	20.0
5"	2.24	7.24	10.04	4.65	7.01	11.42	11.81	6.06	2.76	0.75	17	F07	605	381	26.0
6"	2.24	8.46	11.02	5.63	7.48	12.01	11.81	6.06	3.15	0.75	17	F07	1010	487	29.0
8"	2.44	10.51	13.58	7.40	8.43	13.78	15.75	8.82	3.15	0.83	17	F10	2004	894	46.0
10"	2.76	12.83	15.94	9.29	10.00	10.24	-	8.82	3.94	0.94	22	F10	3199	1407	66.0
12"	3.19	14.76	19.09	11.06	11.73	11.42	-	8.46	3.94	1.14	27	F12	4672	2266	101.0

HIGH PERFORMANCE BUTTERFLY VALVE

SERIES 8101 - 9101

CARBON STEEL STAINLESS STEEL

Manually operated ANSI 150 class, high performance Lug style butterfly valves.

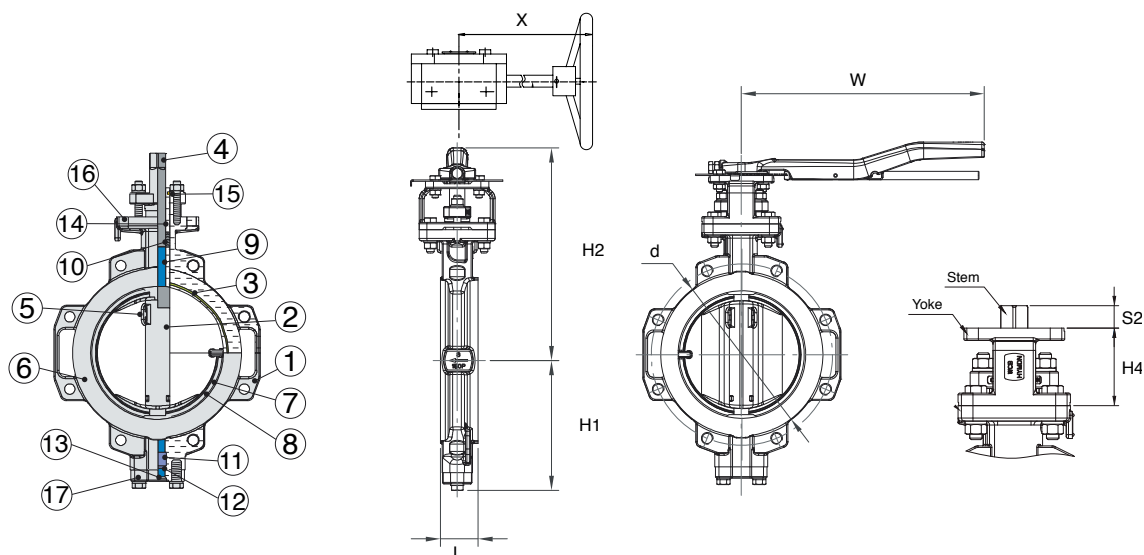
- Temperature range -20°F to 446°F, 150 WSP.
- ISO 5211 direct mounting pad/square stem.
- Compact design, easy access to packing.
- Replaceable seat design.
- NACE MR0175.
- FC170-2 compliant.
- CRNs available upon request.
- Multiple V-ring stem packing.
- RPTFE seats, metal seats upon request.
- 10 position locking handle.
- Soft seat leakage protection - Class VI.
- Metal seat leakage protection - Class V.
- 14" to 24" sizes available upon request.

8101-9101: size 2" to 12".

8121-9121: METAL SEATED VERSION - size 2" to 12".

8141-9141: API 607 FIRE SAFE VERSION - size 2" to 12".

G8101-G9101: GEAR OPERATED VERSION - size 2" to 12".



N POS	PART NAME	MATERIAL		N PCS	Size	L	D	D1	d	H1	H2	W	X	H4	S2	Stem	Yoke ISO	Cv	Break Torque	Weight Lbs
1	BODY	A216 Gr. WCB	A351 Gr. CF8M	1	2"	1.77	3.74	5.91	1.81	4.65	9.21	8.66	6.06	2.76	0.63	14	F07	70	133	11.0
2	DISC	A351 Gr. CF8M		1	2 1/2"	1.89	4.41	7.09	2.40	4.96	9.53	8.66	6.06	2.76	0.63	14	F07	150	150	13.0
3	SEAT	8101 - 9101	Carbon-filled PTFE	1	3"	1.89	4.96	7.48	2.99	5.28	10.24	8.66	6.06	2.76	0.63	14	F07	227	177	15.0
		8121 - 9121	Inconel 718		4"	2.13	6.10	9.06	3.78	5.67	10.63	8.66	6.06	2.76	0.63	14	F07	473	283	20.0
		8141 - 9141	Fire safe seat		5"	2.24	7.24	10.04	4.65	7.01	11.42	11.81	6.06	2.76	0.75	17	F07	605	381	26.0
4	STEM	A182 Gr. F316		1	6"	2.24	8.46	11.02	5.63	7.48	12.01	11.81	6.06	3.15	0.75	17	F07	1010	487	29.0
5	TAPER PIN	A182 Gr. F316L		2	8"	2.44	10.51	13.58	7.40	8.43	13.78	15.75	8.82	3.15	0.83	17	F10	2004	894	46.0
6	RETAINER RING	A351 Gr. CF8M		1	10"	2.76	12.83	15.94	9.29	10.00	10.24	-	8.82	3.94	0.94	22	F10	3199	1407	66.0
7	SPRING	A182 Gr. F316		1	12"	3.19	14.76	19.09	11.06	11.73	11.42	-	8.46	3.94	1.14	27	F12	4672	2266	101.0
8	LOCK PIN	PTFE		1																
9	STEM BUSH	PTFE + SS316L	A182 Gr. F316	2																
10	GLAND PACKING	Carbon-filled RTFE		1																
11	THRUST RING	A351 Gr. CF8M		1																
12	THRUST PLATE	PTFE + SS316L		1																
13	GASKET	PTFE		1																
14	GLAND BUSH	A351 Gr. CF8M		1																
15	ANTI-BLOWOUT PIN	A182 Gr. F316		1																
16	GLAND FLANGE	A351 Gr. CF8		1																
17	BOTTOM COVER	A351 Gr. CF8M		1																

HIGH PERFORMANCE BUTTERFLY VALVE

SERIES 8300 - 9300

CARBON STEEL STAINLESS STEEL

Manually operated ANSI 300 class, high performance Wafer style butterfly valves.

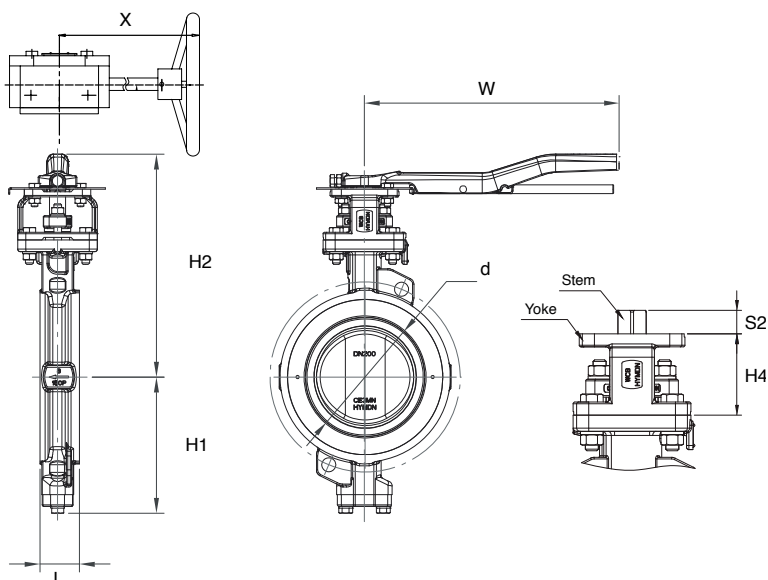
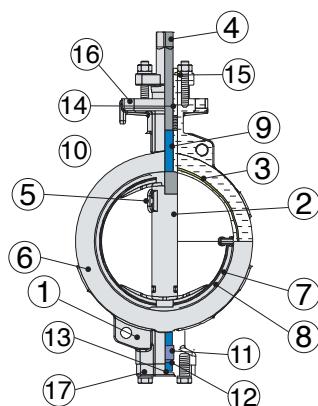
- Temperature range -20°F to 446°F, 150 WSP.
- ISO 5211 direct mounting pad/square stem.
- Compact design, easy access to packing.
- Replaceable seat design.
- NACE MR0175.
- FC170-2 compliant.
- CRNs available upon request.
- Multiple V-ring stem packing.
- RPTFE seats, metal seats upon request.
- 10 position locking handle.
- Soft seat leakage protection - Class VI.
- Metal seat leakage protection - Class V.
- 14" to 24" sizes available upon request.

8300-9300: size 2" to 12".

8320-9320: METAL SEATED VERSION - size 2" to 12".

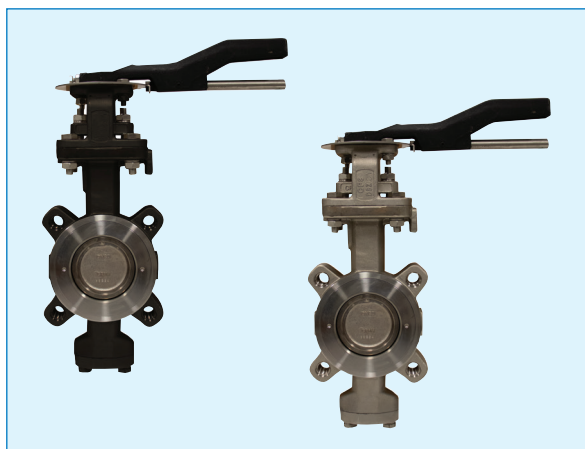
8340-9340: API 607 FIRE SAFE VERSION - size 2" to 12".

G8300-G9300: GEAR OPERATED VERSION - size 2" to 12".



N POS	PART NAME	MATERIAL		N PCS	Size	L	D	D1	d	H1	H2	W	X	H4	S2	Stem	Yoke ISO	Cv	Break Torque	Weight Lbs
1	BODY	A216 Gr. WCB	A351 Gr. CF8M	1	2"	1.77	3.74	5.91	1.81	4.65	9.21	8.66	6.06	2.76	0.63	14	F07	70	336	11.0
2	DISC	A351 Gr. CF8M		1	2 1/2"	1.89	4.41	7.09	2.40	4.96	9.53	8.66	6.06	2.76	0.63	14	F07	150	372	13.0
3	SEAT	8300 - 9300	Carbon-filled PTFE	1	3"	1.89	4.96	7.48	2.99	5.28	10.24	8.66	6.06	2.76	0.63	14	F07	227	434	15.0
		8320 - 9320	Inconel 718		4"	2.13	6.10	9.06	3.78	5.67	10.63	8.66	6.06	2.76	0.63	14	F07	473	726	20.0
		8340 - 9340	Fire safe seat		5"	2.24	7.24	10.04	4.65	7.01	11.42	11.81	6.06	2.76	0.75	17	F07	605	1248	26.0
4	STEM	A182 Gr. F316		1	6"	2.24	8.46	11.02	5.63	7.48	12.01	11.81	6.06	3.15	0.75	17	F07	1010	1823	29.0
5	TAPER PIN	A182 Gr. F316L		2	8"	2.44	10.51	13.58	7.40	8.43	13.78	15.75	8.82	3.15	0.83	17	F10	2004	3213	46.0
6	RETAINER RING	A351 Gr. CF8M		1	10"	2.76	12.83	15.94	9.29	10.00	10.24	-	8.82	3.94	0.94	22	F10	3199	5549	66.0
7	SPRING	A182 Gr. F316		1	12"	3.19	14.76	19.09	11.06	11.73	11.42	-	8.46	3.94	1.14	27	F12	4672	8717	101.0
8	LOCK PIN	PTFE		1																
9	STEM BUSH	PTFE + SS316L	A182 Gr. F316	2																
10	GLAND PACKING	Carbon-filled RTFE		1																
11	THRUST RING	A351 Gr. CF8M		1																
12	THRUST PLATE	PTFE + SS316L		1																
13	GASKET	PTFE		1																
14	GLAND BUSH	A351 Gr. CF8M		1																
15	ANTI-BLOWOUT PIN	A182 Gr. F316		1																
16	GLAND FLANGE	A351 Gr. CF8		1																
17	BOTTOM COVER	A351 Gr. CF8M		1																

HIGH PERFORMANCE BUTTERFLY VALVE



SERIES 8301 - 9301

CARBON STEEL STAINLESS STEEL

Manually operated ANSI 300 class, high performance Lug style butterfly valves.

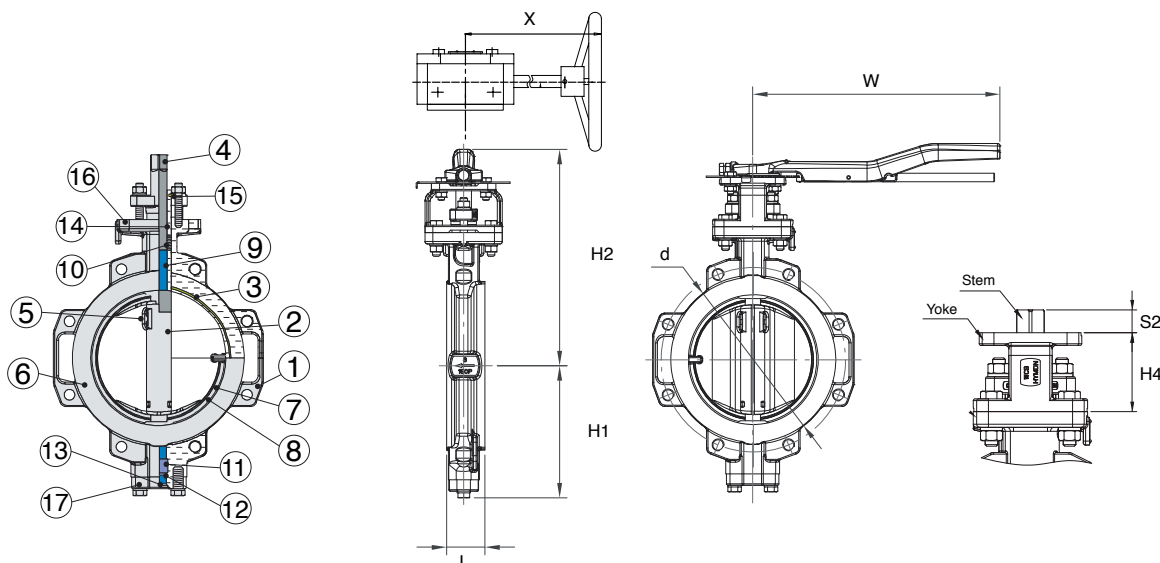
- Temperature range -20°F to 446°F, 150 WSP.
- ISO 5211 direct mounting pad/square stem.
- Compact design, easy access to packing.
- Replaceable seat design.
- NACE MR0175.
- FC170-2 compliant.
- CRNs available upon request.
- Multiple V-ring stem packing.
- RPTFE seats, metal seats upon request.
- 10 position locking handle.
- Soft seat leakage protection - Class VI.
- Metal seat leakage protection - Class V.
- 14" to 24" sizes available upon request.

8301-9301: size 2" to 12".

8321-9321: METAL SEATED VERSION - size 2" to 12".

8341-9341: API 607 FIRE SAFE VERSION - size 2" to 12".

G8301-G9301: GEAR OPERATED VERSION - size 2" to 12".



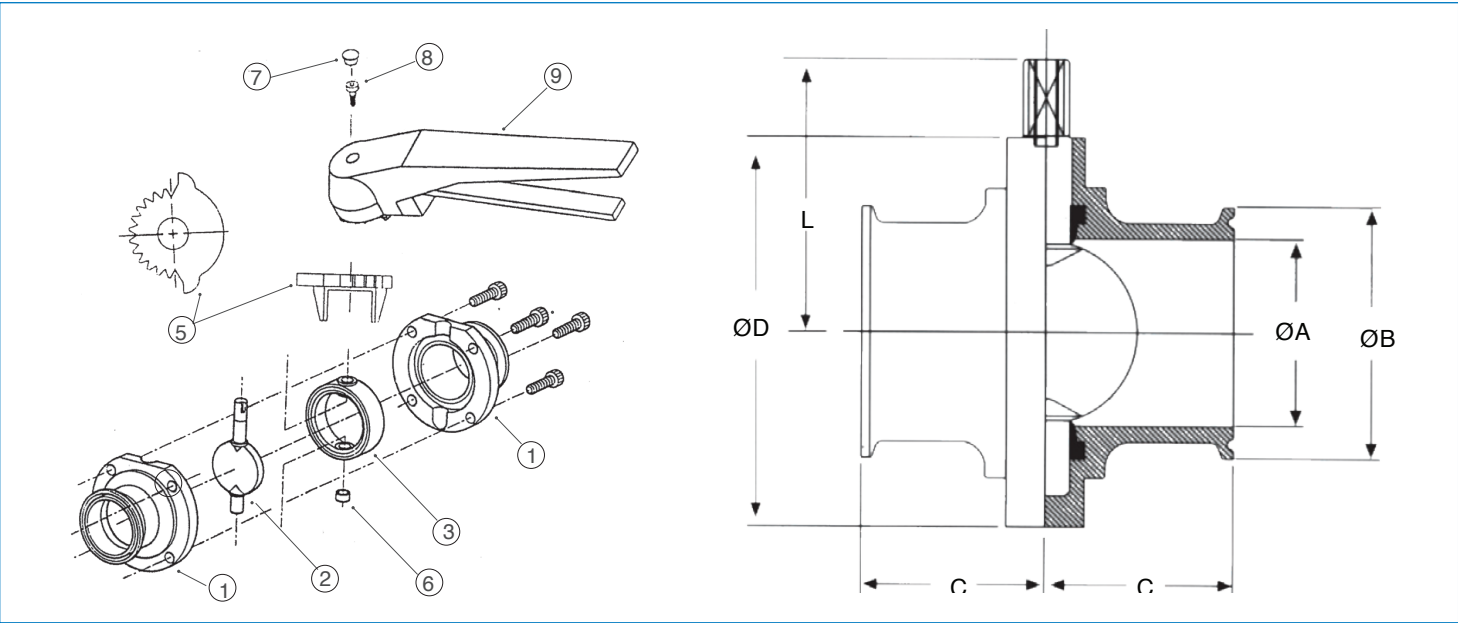
N POS	PART NAME	MATERIAL		N POS	Size	L	D	D1	d	H1	H2	W	X	H4	S2	Stem	Yoke ISO	Cv	Break Torque	Weight Lbs
1	BODY	A216 Gr. WCB	A351 Gr. CF8M	1	2"	1.77	3.74	5.91	1.81	4.65	9.21	8.66	6.06	2.76	0.63	14	F07	70	336	11.0
2	DISC	A351 Gr. CF8M		1	2 1/2"	1.89	4.41	7.09	2.40	4.96	9.53	8.66	6.06	2.76	0.63	14	F07	150	372	13.0
3	SEAT	8301 - 9301	Carbon-filled PTFE	1	3"	1.89	4.96	7.48	2.99	5.28	10.24	8.66	6.06	2.76	0.63	14	F07	227	434	15.0
		8321 - 9321	Inconel 718																	
		8341 - 9341	Fire safe seat																	
4	STEM	A182 Gr. F316		1	4"	2.13	6.10	9.06	3.78	5.67	10.63	8.66	6.06	2.76	0.63	14	F07	473	726	20.0
5	TAPER PIN	A182 Gr. F316L		2	5"	2.24	7.24	10.04	4.65	7.01	11.42	11.81	6.06	2.76	0.75	17	F07	605	1248	26.0
6	RETAINER RING	A351 Gr. CF8M		1	6"	2.24	8.46	11.02	5.63	7.48	12.01	11.81	6.06	3.15	0.75	17	F07	1010	1823	29.0
7	SPRING	A182 Gr. F316		1	8"	2.44	10.51	13.58	7.40	8.43	13.78	15.75	8.82	3.15	0.83	17	F10	2004	3213	46.0
8	LOCK PIN	PTFE		1	10"	2.76	12.83	15.94	9.29	10.00	10.24	-	8.82	3.94	0.94	22	F10	3199	5549	66.0
9	STEM BUSH	PTFE + SS316L	A182 Gr. F316	2	12"	3.19	14.76	19.09	11.06	11.73	11.42	-	8.46	3.94	1.14	27	F12	4672	8717	101.0
10	GLAND PACKING	Carbon-filled RTFE		1																
11	THRUST RING	A351 Gr. CF8M		1																
12	THRUST PLATE	PTFE + SS316L		1																
13	GASKET	PTFE		1																
14	GLAND BUSH	A351 Gr. CF8M		1																
15	ANTI-BLOWOUT PIN	A182 Gr. F316		1																
16	GLAND FLANGE	A351 Gr. CF8		1																
17	BOTTOM COVER	A351 Gr. CF8M		1																

SERIES **BFVSTCE**
STAINLESS STEEL SANITARY BUTTERFLY VALVE



- Stainless steel butterfly valve with EPDM seats and Sanitary Tri-Clamp Ends.
- AISI 316 L stainless steel.
 - EPDM seat standard.
 - Silicone or FKM (Viton) seats optional.
 - Full port, sizes 1/2" to 8."
 - Sanitary Tri-Clamp Ends.
 - Surface finish meets 3-A, FDA & USDA standards
 - 13-position, 304SS spring loaded lever lock handle 1/2" to 6".
 - 110 PSI @ 200°F.
- BFVSTCE:** size 1/2" to 8".

NEW



N POS	PART NAME	MATERIAL
1	BODY HALF (2)	AISI 316L
2	DISC	AISI 316L
3	SEAT	EPDM
4	BODY BOLTS (4)	AISI 304
5	NOTCH PLATE	AISI 316
6	BODY CAP	BUNA-N
7	HANDLE CAP	BUNA-N
8	HANDLE SCREW	AISI 04
9	13-POSITION HANDLE	AISI 304

SIZE	A	B	C	D	L	Break Torque	Cv	Weight Lbs
1/2"	3.00	1.00	1.75	3.10	2.16	60	7	3.38
3/4"	3.00	1.00	1.75	3.10	2.16	70	11	3.38
1"	0.87	1.99	1.75	3.11	2.40	140	23	3.38
1 1/2"	1.37	1.99	1.75	3.35	2.53	165	80	3.25
2"	1.87	2.52	1.87	4.13	2.93	185	230	3.84
2 1/2"	2.37	3.05	1.91	4.41	3.06	200	264	4.84
3"	2.84	3.58	2.03	4.92	3.32	255	372	5.79
4"	3.84	4.69	2.39	6.18	4.00	350	800	7.96
6"	5.84	6.57	3.00	8.20	6.35	925	1200	9.95
8"	7.93	8.54	3.28	11.22	7.83	960	2800	12.43